

### Abstract Of The Disclosure

A method is shown for phosphating metal layers by electrolytic deposition from acid aqueous solutions which contain at least zinc ions and phosphate ions, while simultaneously applying direct current. Simultaneously with the depositing of the phosphating layer, an electrolytic deposition of zinc takes place in the same electrolyte. The current density, in this context, is 5 in the range of  $> A/dm^2$ .